

a second layer, abutting the first layer, including a foam material;

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CONT.
a third layer, abutting the second layer, including a nonwoven material; and

a fourth layer, abutting the third layer, the fourth layer being an outer moisture transfer material treated by encapsulation for waterproofing.

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4. (Amended) The moisture transfer apparel according to claim 1, wherein the fourth layer is laminated to the nonwoven of the third layer.

8. (Amended) A moisture transfer apparel to be worn by an individual comprising, on at least a portion of the apparel, a combination of layers comprising:

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a first layer, closest to an individual, the first layer being an inner moisture transfer material;

a second layer, abutting the first layer, including a foam material;

a third layer, abutting the second layer, including a breathable membrane; and

a fourth layer, abutting the third layer, the fourth layer being an outer moisture transfer material treated by encapsulation for waterproofing,

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cont. wherein the second layer includes a non-woven material attached to the foam material such that it is between the foam material and the third layer.

F4 9. (Amended) The moisture transfer apparel according to claim 8, wherein at least two of the first, second, third and fourth layers are attached to each other by lamination.

F5 10. (Amended) The moisture transfer apparel according to claim 8, wherein at least two of the first, second, third and fourth layers are attached to each other by mechanical bonding.

AVE 17. (Amended) The moisture transfer apparel according to claim 1, wherein the second layer and third layer are formed as an elastomeric composite having the nonwoven material attached to the foam.

F6 27. (Amended) A composite for a liner used in an apparel as claimed in claim 26, wherein the foam material is treated to have reversible enhanced thermal properties.

29. (Amended) An apparel to be worn by an individual comprising:

an outer moisture transfer material treated by encapsulation for waterproofing;

F7 a foam layer abutting the outer moisture transfer material; and

a non-woven material attached to the foam layer such that the foam layer is located between the non-woven material and the outer moisture transfer material, wherein the foam layer is an open cell foam and is treated to have reversible enhanced thermal properties.

41. (Amended) An apparel to be worn by an individual comprising:

F8 an outer moisture transfer material which is treated by encapsulation for waterproofing;

a foam layer abutting the outer moisture transfer material; and

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CONT.
a non-woven material attached to the foam layer such that the foam layer is located between the non-woven material and the outer moisture transfer material, wherein the foam layer is treated with microencapsulation technology which can adjust to temperature changes.

42. (Amended) An apparel according to claim 41, wherein the outer moisture transfer material is an encapsulated cotton blend.

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44. (Amended) An apparel according to claim 41, wherein the outer moisture transfer material is one of a group consisting of denim and chino fabrics.

- 45. The moisture transfer apparel according to claim 1, wherein the outer moisture transfer material is selected from a group consisting of cotton and a cotton blend.

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--46. The moisture transfer apparel according to claim 1, wherein the outer moisture transfer material comprises synthetic fibers.

--47. The moisture transfer apparel according to claim 20, wherein the outer layer is selected from a group consisting of cotton and a cotton blend.

--48. The moisture transfer apparel according to claim 20, wherein the outer layer comprises synthetic fibers.

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--49. A composite for a liner use in an apparel according to claim 28, wherein the open cell foam material is treated to have reversible enhanced thermal properties.

--50. A composite for a liner used in an apparel comprising:

an inner moisture transfer material;
an open cell foam material; and
an outer layer which comprises encapsulated synthetic fibers.

--51. The composite for a liner used in an apparel as claimed in claim 50, wherein the foam material is treated to have reversible and thermal properties.

--52. The moisture transfer apparel according to claim 1, further comprising a membrane, abutting the foam material, for providing either warmth or cooling.

--53. The moisture transfer apparel according to claim 8, further comprising a membrane, abutting the foam material, for providing either warmth or cooling.

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--54. The composite for a liner used in an apparel according to claim 26, further comprising a membrane, abutting the open cell foam material, for providing either warmth or cooling.

--55. The composite for a liner used in an apparel according to claim 28, further comprising a membrane, abutting the open cell foam material, for providing either warmth or cooling.

--56. The apparel according to claim 29, further comprising a membrane, abutting the foam layer, for providing either warmth or cooling.

--57. The apparel according to claim 26, further comprising a membrane, abutting the open cell foam, for providing either warmth or cooling.

--58. The composite for a liner used in an apparel according to claim 50, further comprising a membrane abutting the open cell foam material which provides either warmth or cooling.

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CONT.* --59. A composite for a liner used in an apparel according to claim 52, further comprising a membrane abutting the open cell foam material which provides either warmth or cooling.

--60. A composite for a liner used in an apparel comprising:

an inner moisture transfer material;

an open cell foam material;

a non-woven material attached to the foam material;

and

an outer layer attached to the non-woven material,
the outer layer comprising encapsulated synthetic fibers.